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**From:** Biales, Adam [Biales.Adam@epa.gov]  
**Sent:** 1/6/2022 10:06:18 PM  
**To:** MacMillan, Denise [MacMillan.Denise@epa.gov]; Blackwell, Brett [Blackwell.Brett@epa.gov]; Purucker, Tom [Purucker.Tom@epa.gov]  
**CC:** Ulrich, Elin [Ulrich.Elin@epa.gov]  
**Subject:** RE: Omics for AltEn

Hi Denise,

I am still trying to figure out if we have the bandwidth to propose something here, but yes, I am open to discussing a collaborative project and I definitely agree that the lipidomics and metabolomics could add greatly. I have added Tom Purucker to this email in case he has anything to add.

Adam Biales, Ph.D.  
(he/him/his)  
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**From:** MacMillan, Denise <MacMillan.Denise@epa.gov>  
**Sent:** Wednesday, January 5, 2022 12:08 PM  
**To:** Biales, Adam <Biales.Adam@epa.gov>; Blackwell, Brett <Blackwell.Brett@epa.gov>  
**Cc:** Ulrich, Elin <Ulrich.Elin@epa.gov>  
**Subject:** Omics for AltEn

Hi Adam and Brett,

Elin mentioned that you both are proposing exposure work with AltEn samples. Would you be interested in talking about a collaboration involving lipidomics and metabolomics on exposed matrices? I'm doing similar work with other projects and think biochemistry could be a meaningful contribution to the AltEn effort.

Thanks,  
Denise

Denise MacMillan, PhD  
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